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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/804,910	03/13/2001	Ivan Wong Yin Yang	0100.0100380	2786

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EXAMINER

SRIVASTAVA, VIVEK

ART UNIT PAPER NUMBER

2623

DATE MAILED: 06/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/804,910

Applicant(s)

YANG ET AL.

Examiner

Vivek Srivastava

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2006.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 6-13, 15-26 and 28-35 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 6-13, 15-26 and 28-35 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 11, 13, 32 and 34 are rejected under 35 U.S.C. 102(e) as being anticipated by Hassell et al (US 2003/0149980).

Regarding claims 11, 32 and 34, Hassell teaches as method and system for integrating television program listings (see para [0017]) with movies recorded on a local database(s) (see para. [0037], para. [0088],) thereby providing an extended EPG. Hassell discloses a database integrator (see “MAIN MENU” in fig. 4) that produces for display the extended program guide, wherein a use can select the media directory option 53 (see fig. 4) for accessing information related to the recorded material (see fig. 4).

As to claim 13, Hassell discloses the digital material database includes predetermined recorded stored material data, identification data and at least one of data representing time duration (see fig. 9).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 6 – 10, 15 – 26 and 28 – 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hassell et al (US 2003/0149980) in view of Knudson et al (US 6,536,041).

Regarding claims 6, 22, 24 and 26, Hassell teaches as method and system for integrating television program listings (see para [0017]) with movies recorded on a local database (see para. [0037]) thereby providing an extended EPG. Hassell discloses a database integrator (see “MAIN MENU” in fig. 4) that produces for display the extended program guide, wherein a use can select the media directory option 53 (see fig. 4) for accessing information related to the user-initiated recorded material (see fig. 4). The information including information about recorded material (see fig. 9). Hassell further discloses displaying an extended EPG wherein information related to recorded material is displaying with television broadcast information (see fig. 5b see para. [0039]). It is further noted that Hassell teaches displaying information related to the recorded material including identification of the recorded material (see fig. 5b and fig. 9).

Hassell fails to teach at least one live stream database containing at least one information regarding at least one of current live stream and a future live stream and an extended electronic program guide including information related to the current live stream and the future live stream.

In analogous art, Knudson et al teaches displaying a database of live sports games which include claims which are current and which are to be broadcast in the future i.e. later today (see fig. 7) including identification of the current and future live stream (fig. 7). Providing a database of information regarding live sports games as taught by Knudson would have provided a user faster method of directly accessing sports scores and games. Therefore, it would have been obvious to modify Hassell to include the claimed limitation for the benefit of providing a user with faster and direct method of viewing sports scores and viewing the games.

As to claim 7, the combination of Hassell and Knudson fails to disclose the claimed recorded material includes time shifting data of a predetermined data stream.

Official Notice is taken it would have been well known to record material by time shifting data of a predetermined data stream for the benefit of pausing a live television broadcast stream (as admitted by Applicants – see page 5 or specification lines 26 – 31). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the combination of Hassell and Knudson to include the claimed limitation for the benefit or enabling a user to pause a live video stream.

Regarding claims 8, 9, 28 and 29, Hassell discloses wherein the recorded material(s) is material derived from a source of digital data (see para. [0016], para. [0021]).

As to claim 10, Hassell discloses the digital material database includes predetermined recorded stored material data, identification data and at least one of data representing time duration (see fig. 9).

Regarding claims 15 and 31, the combination of Hassell and Knudson teaches the claimed limitation, wherein Knudson discloses the claimed wherein the information regarding at least one of the current live stream and future live stream correspondingly includes at least one of identification of the current live stream and identification of the future live stream (see fig. 6 and fig. 7), and Hassell discloses the claimed the information related to recorded material includes identification of the recorded material (see fig. 5b and fig. 9).

As to claims 16 and 19, the claim limitations redundant to the above claims have been addressed above are not reiterated. Claim 16 further discloses the recorded material includes time shifting data of a predetermined data stream which is not disclosed by the combination of Hassell and Knudson.

Official Notice is taken it would have been well known to record material by time shifting data of a predetermined data stream for the benefit of pausing a live television broadcast stream (as admitted by Applicants – see page 5 or specification lines 26 – 31). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the combination of Hassell and Knudson to

include the claimed limitation for the benefit or enabling a user to pause a live video stream.

Claims 17, 18, 20 and 21 have been met by the above.

Regarding claims 23 and 25, Hassell discloses wherein displaying the extended EPG displays a grid of entries, the entries ordered by time, each of the entries indicating presence of existent recorded material when available and associated to the entry (see fig. 5a and fig. 5b and para. [0039]).

As to claim 30, Hassell discloses the digital material database includes predetermined recorded stored material data, identification data and at least one of data representing time duration (see fig. 9).

Claims 12, 33 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hassell.

Regarding claims 12, 33 and 35 Hassell fails to disclose the claimed wherein the recorded material includes time shifted data of predetermined live data stream.

Official Notice is taken it would have been well known to record material by time shifting data of a predetermined data stream for the benefit of pausing a live television broadcast stream (as admitted by Applicants – see page 5 or specification lines 26 – 31). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Hassell to include the claimed limitation for the benefit or enabling a user to pause a live video stream.

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Conclusion

The following are suggested formats for either a Certificate of Mailing or Certificate of Transmission under 37 CFR 1.8(a). The certification may be included with all correspondence concerning this application or proceeding to establish a date of mailing or transmission under 37 CFR 1.8(a). Proper use of this procedure will result in such communication being considered as timely if the established date is within the required period for reply. The Certificate should be signed by the individual actually depositing or transmitting the correspondence or by an individual who, upon information and belief, expects the correspondence to be mailed or transmitted in the normal course of business by another no later than the date indicated.

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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Alexandria, VA 22313-1450

on _____.
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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. () _____ - _____ on _____.
(Date)

Typed or printed name of person signing this certificate:

Signature: _____

Registration Number: _____

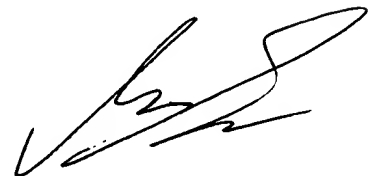
Please refer to 37 CFR 1.6(d) and 1.8(a)(2) for filing limitations concerning facsimile transmissions and mailing, respectively.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vivek Srivastava whose telephone number is (571) 272-7304. The examiner can normally be reached on Monday – Friday from 9 am to 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571) 272 – 7331. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Vs
6/26/06



VIVEK SRIVASTAVA
PRIMARY EXAMINER